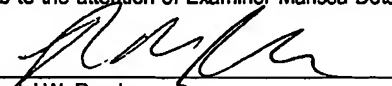


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	§	Confirmation No.: 1501
Erlend Ronnekleiv	§	
	§	Group Art Unit: 2877
Serial No.: 10/693,619	§	
	§	Examiner: Marissa Detschel
Filed: October 24, 2003	§	
	§	Customer No. 36735
For: DOWNHOLE OPTICAL	§	
SENSOR SYSTEM WITH	§	
REFERENCE	§	

MAIL STOP AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

CERTIFICATE OF MAILING OR TRANSMISSION	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, or electronically transmitted to the U.S. Patent and Trademark Office via EFS-Web to the attention of Examiner Marissa Detschel, on the date shown below:	
July 5, 2006 Date	 Randol W. Read

RESPONSE TO FINAL OFFICE ACTION DATED MAY 5, 2006

DO NOT ENTER
In response to the Final Office Action dated May 5, 2006, having a shortened statutory period for response set to expire on August 5, 2006, please enter this response and reconsider the claims pending in the application for reasons discussed below. Although Applicant believes that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/WEAT/0349/RWR, for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper. Remarks begin on page 8 of this paper.